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Automated Land and Mineral  
Record System  
ALMRS

Volume 19

Land Classification

For:

U.S. Department of the Interior  
Bureau of Land Management  
ALMRS-GIS Project Office - DSC  
Denver Federal Center  
Denver, Colorado 80225

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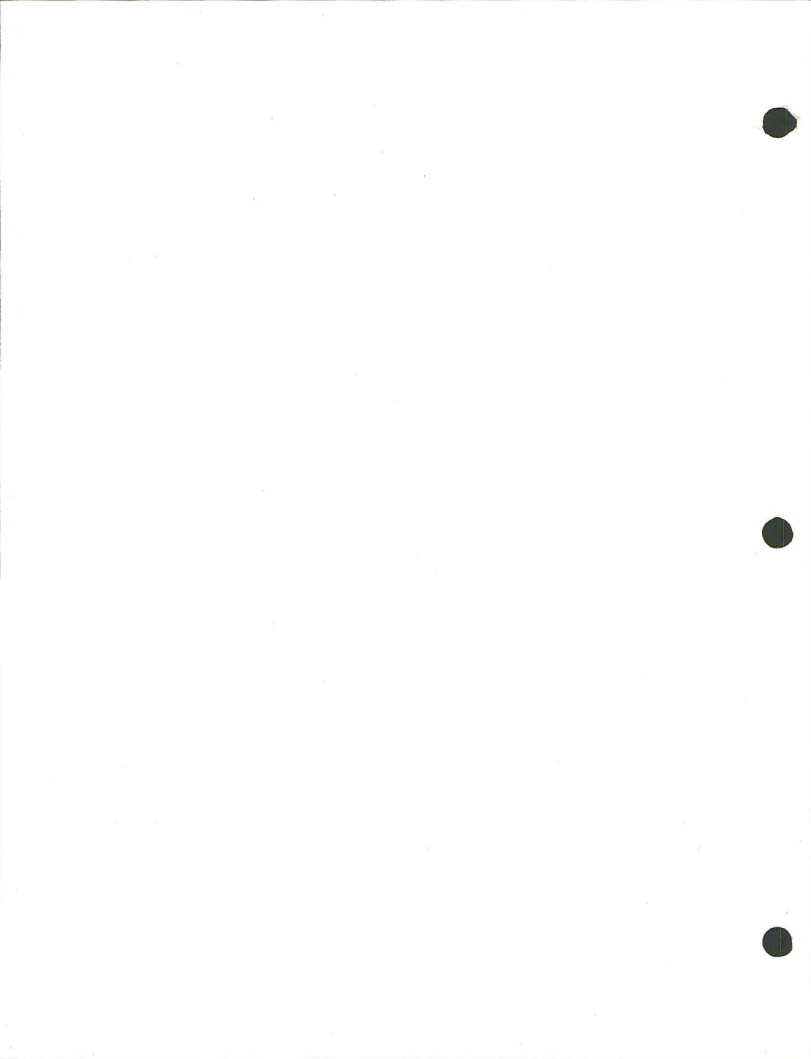
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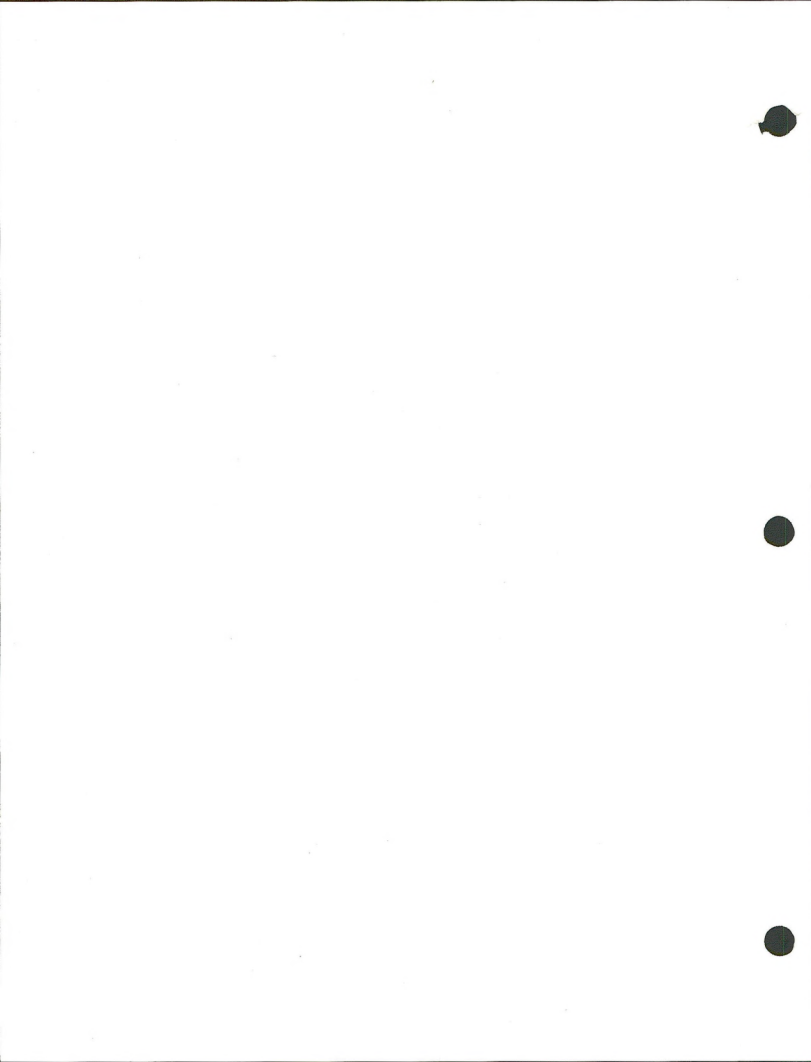
## CHAPTER 1

### INTRODUCTION

This chapter describes the current system for processing land classification pursuant to the 2400 section of the 43 CFR (Code of Federal Regulations).

Land classification is used to determine particular aspects of the land for various case types. For example, classification is used for a withdrawal by determining whether segregation should take place. Land classification is also used for Desert Land Entry (DLE), Indemnity Selection, Recreation and Public Purpose Act (R&PP), Indian Allotments, and the Carey Act. The procedures followed are in accordance with section 2410 of 43 CFR.

This chapter is organized as follows: Section 1 - Introduction explaining the scope and structure of the document; Section 2 - Data Flow Diagrams (DFDs) illustrating the current method of processing for the land classification program; Section 3 - Process List providing an alphabetical list of processes defined, their level, and the page references for each process in the DFDs and the input/process/output narratives if the process is at a primitive level; Section 4 - Input/Process/Output Narratives (IPOs) describing each process primitive in detail including definitions of steps taken or decisions made; and Section 5 - Data Dictionary and Cross Reference List defining all data flows appearing on the DFDs.



## CHAPTER 2

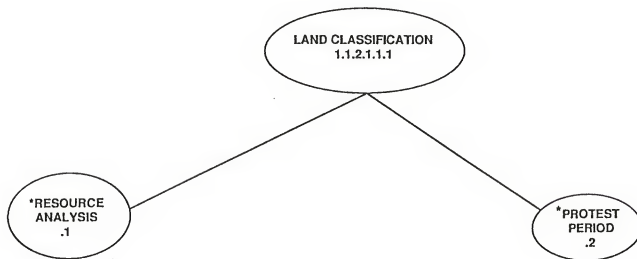
### DATA FLOW DIAGRAMS

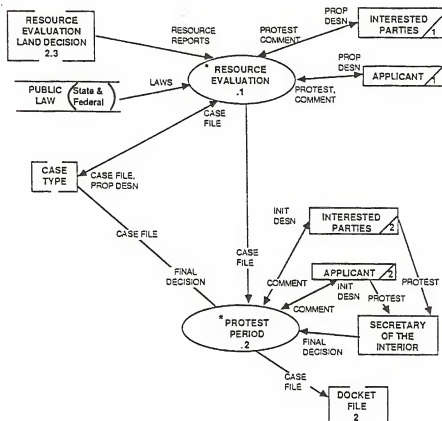
The current land classification program is presented here as a data flow diagram that shows the sources and destinations of data, identifies and names processes, identifies and names data that connect sources and destinations of data, and describes data stores that are accessed. The hierarchical structure of each process is identified by decimalized identifiers. The processes of land classification are at a primitive level.

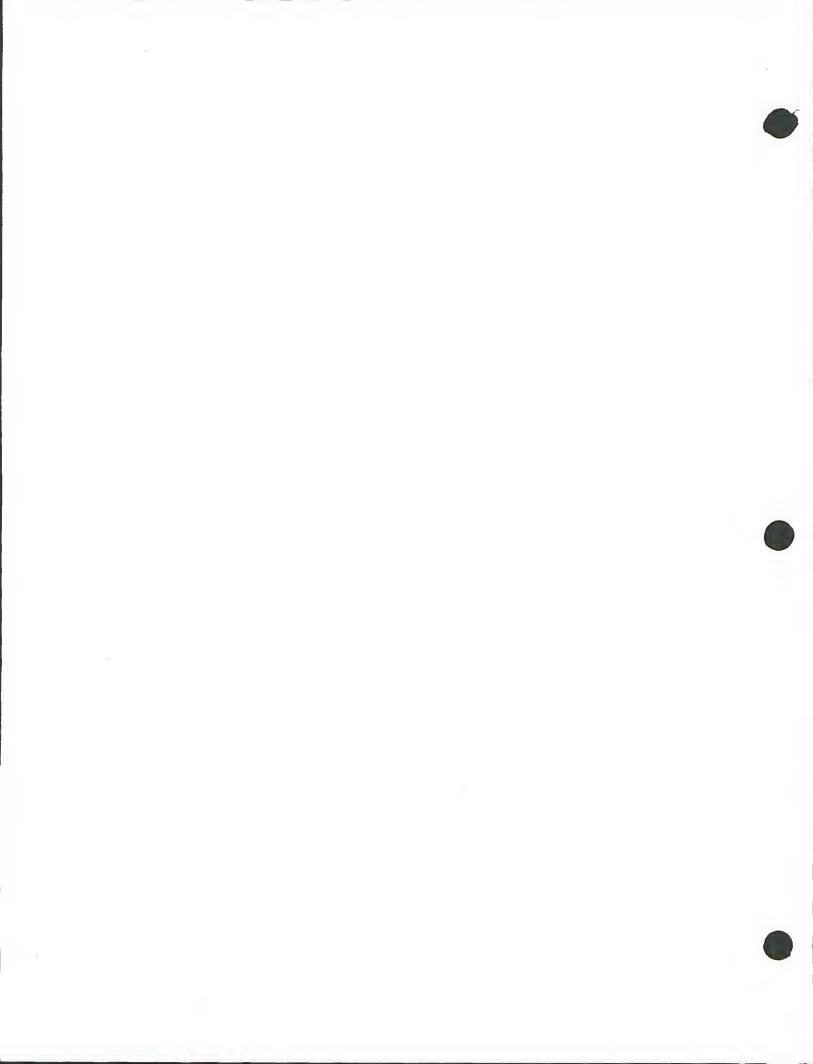
Standard representations on the DFDs are:

1. an ellipse is a process;
2. a rectangle is an external entity (generally outside of BLM control);
3. a set of brackets is an internal entity (generally thought of as an off-page connector or a pointer to a generic type of process);
4. a line is a data flow;
5. arrows at the ends of lines indicate the direction data is flowing;
6. two parallel lines are a data store (generally representing logical groupings of data rather than individual records or data components).

# LAND CLASSIFICATION VISUAL TABLE OF CONTENTS









### CHAPTER 3

#### PROCESS LIST

The following table lists all processes defined on the Data Flow Diagrams appearing in Chapter 2. The Chapter 2 page reference is next to each process. If the process is at a primitive level, i.e. functionally decomposed to a level at which no benefits are derived from further decomposition, a reference to the Chapter 4 narrative for that process is also listed.

## PROCESS LIST

Identifier	Process Name	Level	DFD	IPO
1.1.2.1.1.2	Protest Period	1	2-2	4-3
1.1.2.1.1.1	Resource Analysis	1	2-2	4-2

## CHAPTER 4

### INPUT/PROCESS/OUTPUT NARRATIVES

The following narratives describe the detailed processing done at the primitive level as defined by the Data Flow Diagrams. Included in each narrative is the following information:

1. the process name;
2. the identifier or process number;
3. the parent process name (the parent's identifier can be derived by omitting the last digit of the process identifier);
4. a general description of the process;
5. any applicable policies and procedures;
6. any constraints that may affect processing; and
7. the input/process/output narrative.

The process narratives appear in the order they are defined in the Data Flow Diagrams in Section 2.

# INPUT/PROCESS/OUTPUT NARRATIVES

| Process Name: Resource Analysis

| Identifier: 1.1.2.1.1.1

Parent Process Name: Land Classification

Description: Perform analysis on the resource reports, laws, and case file to formulate a preliminary classification.

Policies/Procedures: 43 CFR 2410.

Constraints: None.

Input	Process	Output
Resource Reports (Resource Information) Law (Public law) Case File (Case type)	Analyze reports, laws, and case file for the case type requiring preliminary classification. Add to case file.	Proposed Decision (Interested Parties, Applicant)
Protest Comments (Applicant, Interested Parties)	Incorporate into case file.	Case File

# INPUT/PROCESS/OUTPUT NARRATIVES

Process Name: Protest Period

| Identifier: 1.1.2.1.1.2

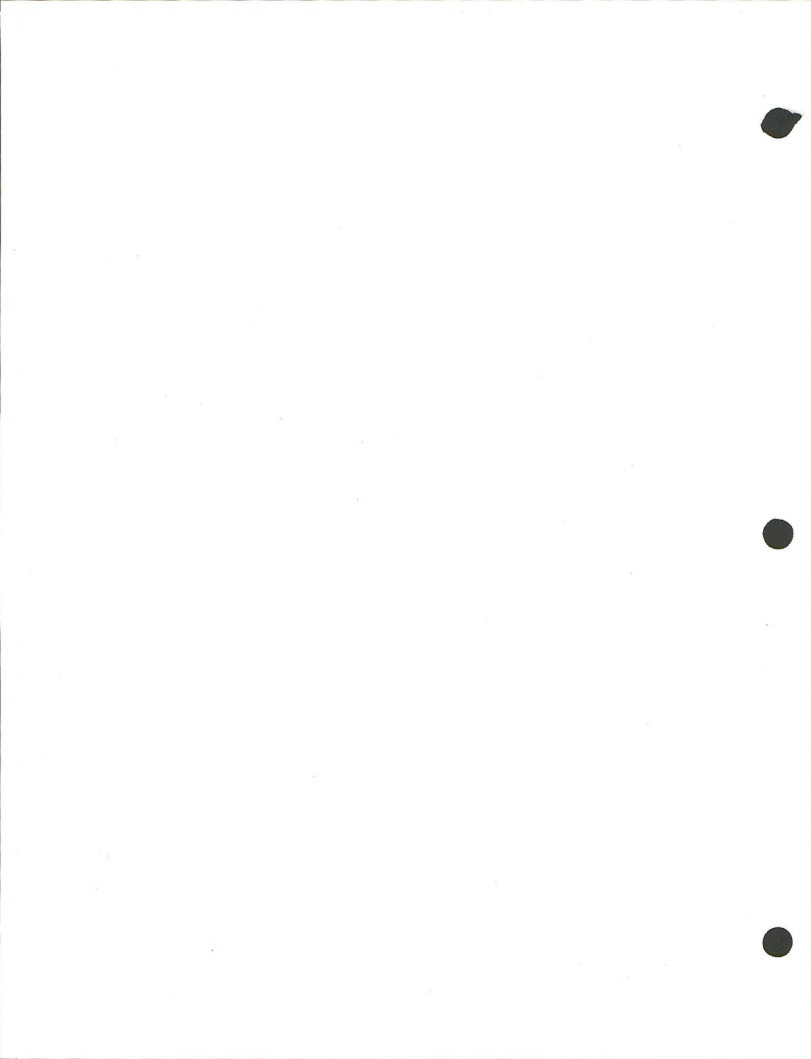
Parent Process Name: Land Classification

Description: Incorporate protests and case file with the proposed decision to finalize the classification and issue the initial decision.

Policies/Procedures: 43 CFR 2410.

Constraints: None.

Input	Process	Output
Case File	Review and analyze casefile to make a final determination for classification based on the information given in the resource reports, laws and comments (from proposed decision) and issue an Initial Decision.	Initial Decision (Interested Parties, Applicant)
Comments (Interested Parties, Applicant)	Incorporate into case file.	
Final Decision (Secretary of Interior)	If a protest to the Secretary of Interior occurs after the issuance from BLM of the initial decision, the Secretary of Interior will make a final decision. Incorporate decision into case file and send the proper case type through Docket for further processing.	Case File (Docket, Case type)



## CHAPTER 5

### DATA DICTIONARY AND CROSS REFERENCE LIST

The data dictionary lists all data flows defined on the DFDs in alphabetic order by name. The information included for each entry in the dictionary includes:

1. data name;
2. mnemonic or abbreviation, as necessary;
3. description of uses and characteristics;
4. data type (i.e. set, record, data aggregate, element);
5. security considerations for both retrieval and update; and
6. definition (used primarily for composite data).

The cross reference list at the end of the section lists those data dictionary entries that have mnemonics or abbreviations with their actual name. This list may be used to quickly find a data flow in the dictionary when it is referenced on the DFD only by its mnemonic.

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Case File
Abbreviation	
Description	A case file is the documented processing of a case. Case processing is a means to work through an action and track that action to the land records.
Data Type	Set
Ability to View	All
Ability to Update	BLM/Applicant
Definition	\$Application + \$Receipt(s) + \$Abstract + Resource Reports



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Comments
Abbreviation	Comt
Description	Comments can be received from the applicant and/or interested parties during the land classification process. They are a positive reaction noting information relating to the initial decision or the final decision.
Data Type	Data flow
Ability to View	All
Ability to Update	Applicant/Interested Parties (party who made the comment)
Definition	\$Letter

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Final Decision
Abbreviation	final desn
Description	The final decision is prepared following a protest of the initial decision to the Secretary of the Interior. This decision contains the information contained in the definition. This decision is final and will be abided by the applicant and interested parties.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	\$Letter + \$Petitioner + \$Type of petition + \$Land description + \$Determination

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Initial Decision
Abbreviation	Init desn
Description	The initial decision is prepared following a protest of the proposed decision. This decision contains the information listed in the definition and is found favorable or unfavorable to the applicant and/or interested parties.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	\$Letter + \$Petitioner + \$Type of petition + \$Land description + \$Determination

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Laws
Abbreviation	
Description	Laws are utilized under classification as required for the particular characteristics necessary for the classification.
Data Type	Set
Ability to View	All
Ability to Update	Congress
Definition	\$Regulations

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Proposed Decision
Abbreviation	prop desn
Description	The proposed decision is prepared upon completion of the resource evaluation. This decision contains the information listed in the definition and is found favorable or unfavorable to the application and/or interested parties.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	\$Letter + \$Petitioner + \$Type of petition + \$Land description + \$Determination

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Protest
Abbreviation	
Description	A protest can be received from the applicant and/or interested parties during the land classification process. It is a negative reaction noting information relating to the initial decision (resource evaluation) or the final decision.
Data Type	Data flow
Ability to View	All
Ability to Update	Applicant/Interested Parties (party who made the protest)
Definition	\$Letter

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Resource Reports
Abbreviation	
Description	Resource reports are informative documents containing soil, cultural, mineral, wildlife, T&E, grazing, and recreation information, as well as, the land report and environmental assessment.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Soil + \$Cultural + \$Mineral + \$T&E + \$Grazing + \$Recreation *Information* + \$Land report + \$Environmental Assessment

# DATA DICTIONARY AND CROSS REFERENCE LIST

Abbreviation  
Data Name

Comt  
Comments

Abbreviation  
Data Name

Init desn  
Initial Decision

Abbreviation  
Data Name

final desn  
Final Decision

Abbreviation  
Data Name

prop desn  
Proposed Decision